

Operator Williams Production Company					Lease or Unit Name Rosa Unit				
Test Type X Initial Annual Special				Test Date 6/22/2006		Well Number (API #) #279A (API # 30-039-29534)			
Completion Date 6/6/2006		Total Depth 3240'		Plug Back TD		Elevation 6318'		Unit Sec Twp Rng I 35 32N 06W	
Casing Size 7"		Weight 23#		Set At 2997'		Perforations:		County Rio Arriba	
Tubing Size 2 7/8"		Weight 6.5#		Set At 2931'		Perforations:		Pool Basin	
Type Well - Single-Bradenhead-GG or GO Multiple					Packer Set At		Formation Fruitland Coal		
Producing Thru Tubing		Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - Pa		Connection	
L	H	Gq 0.6	%CO2	%N2	%H2S	Prover 3/4"	Meter Run	Taps	
FLOW DATA					TUBING DATA		CASING DATA		
NO	Prover Line Size	X Orifice Size	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Duration of Flow
SI	2" X 3/4"				360		165		0
1					10	68	65		0.5 hr
2					10	68	65		1.0 hr
3					5	68	50		1.5 hrs
4					5	68	50		2.0 hrs
5					5	72	45		3.0 hrs
RATE OF FLOW CALCULATION									
NO	Coefficient (24 Hours)			hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fq	Super Compress. Factor, Fpv	Rate of Flow Q,Mcf/d
1	9.604				17	0.9887	1.29	1.004	209
2									
3									
4									
NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration				Mcf/bbl.
1					A.P.I Gravity of Liquid Hydrocabrons _____				Deq.
2					Specific Gravity Separator _____				XXXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxxxx				
4					Critical Pressure _____ p.s.i.a.				____ p.s.i.a.
5					Critical Temperature _____ R				____ R
Pc	177	Pc2	31329						
NO	Ptl	Pw	Pw2	Pc2-Pw2	(1) $\frac{Pc2}{Pc2-Pw2} = \underline{\underline{1.1157051}}$ (2) $\frac{Pc2^n}{Pc2-Pw2} = \underline{\underline{1.0855806}}$				
1		57	3249	28080					
2									
3									
4					AOF = Q $\frac{Pc2^n}{Pc2 - Pw2} = \underline{\underline{227}}$				
Absolute Open Flow		227	Mcf/d @ 15.025	Angle of Slope _____			Slope, n 0.75		
Remarks:									
Approved/By Commission: <i>H. Villanueva</i>		Conducted By: Mark Lepich			Calculated By: Tracy Ross		Checked By: <i>[Signature]</i>		

